PP

PP F08E

POLYPROPYLENE RANDOM COPOLYMER (PPR)

This resin is a random copolymer polypropylene used in the surface and internal layers of cast polypropylene (CPP) film. Film produced from this resin is characterized by high transparency, good stiffness, a low heat-sealing temperature, heat and moisture resistance, good barrier properties, and strong adaptability for printing and lamination, with a smooth surface and good steam-boiling resistance. It is engineered specifically as the binary heat-seal layer of CPP film structures.

Typical Application	Product Characteristics	International Compliance
• Binary heat-seal layer of cast polypropylene (CPP) film • Food, pharmaceutical, cosmetic, and textile packaging film • Laminated and printed film structures	• High light transmittance and gloss • Good slip performance and printability • Low heat-sealing temperature • Stress-fracture resistant with good chemical stability and electrical insulation • Homogeneous film thickness with balanced processing properties	• FDA food-contact compliant • Food hygiene compliant

Film Properties

Properties	Test Method	Typical Value	Unit
Turbidity (Haze)		2.0	%
Gloss		86	%

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16 kg)		8.0	g/10 min
Tensile Strength at Yield		25	MPa
Notched Izod Impact Strength (23°C)		17.6	J/m
Unnotched Izod Impact Strength (23°C)		29.4	J/m
Flexural Modulus		820	MPa
Ash Content		0.03	%

1. F08E is produced and loaded at the same sites as F800E and shares its published family datasheet; the values above are taken from that shared profile.
2. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.